

Scout Report sent out

Noted in the NID File

Location map pinned

Approval or Disapproval Letter

Date Completed, P. & A. on  
operations suspended

Pin changed on location map

Affidavit and Record of A & P

Water Shut-Off Test

Gas-Oil Ratio Test

Well Log Filed

### FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

IWR for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

### COMPLETION DATA:

Date Well Completed 5-2-57

OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_

GW \_\_\_\_\_ OS \_\_\_\_\_ PA ☒

Location Inspected \_\_\_\_\_

Bond released \_\_\_\_\_

State of Fee Land \_\_\_\_\_

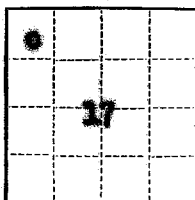
### LOGS FILED

Driller's Log 5-15-58

Electric Logs (No. ) 3

E \_\_\_\_\_ E-I ☒ GR ☒ GR-N \_\_\_\_\_ Micro \_\_\_\_\_  
Lat \_\_\_\_\_ Mi-L ☒ Sonic \_\_\_\_\_ Others \_\_\_\_\_

Subsequent Report of Abandonment



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office

SLC

Lease No.

Utah 04821

Unit

Bluff Bench

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 4, 1957

19

Bluff Bench Unit

Well No. 5 is located 660 ft. from N line and 660 ft. from W line of sec. 17

NW NW Section 17

40S

22E

SIM

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Bluff Bench

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is 4685.7 ft. Ungraded ground

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Rotary drilling equipment will be used to drill to approximately 5700' to the Paradox Salt. Surface casing: Approximately 500' of 8-5/8" OD 21# pipe casing cemented to the surface. Oil String: Required amount of 1 1/2" OD J-55 pipe casing cemented with required amount of cement. Mud Program: Conventional and/or salt or gyp base mud as required. Drill stem tests: All shows of oil and gas will be tested. Electric logs etc will be run before setting casing or abandonment. Stimulation treatments such as hydraulic fracturing may be employed in completion.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Carter Oil CompanyAddress Box 1111Durango, Colorado

By

B H Bradley

Title

District Superintendent

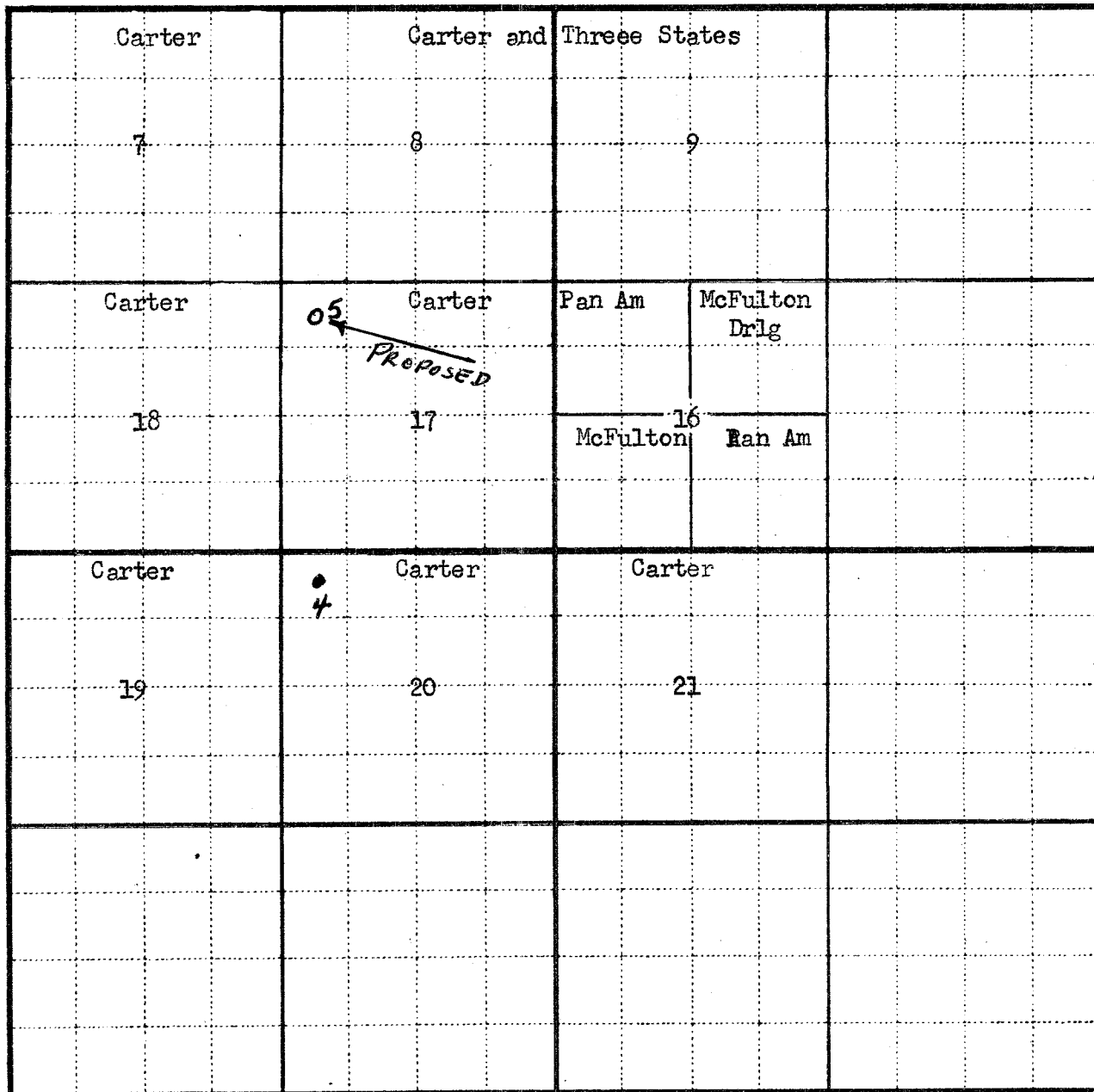
## LEASE PLAT &amp; PIPE LINE DATA

DIV. NO. \_\_\_\_\_ BLOCK NAME Bluff Bench LEASE NO. \_\_\_\_\_  
 LESSOR \_\_\_\_\_  
 TOTAL ACCUMULATED INTEREST \_\_\_\_\_  
 STATE Utah COUNTY San Juan SEC. 17 T. 40 South R. 22 East ACRES \_\_\_\_\_  
 DESCRIPTION AND INTEREST: \_\_\_\_\_

Proposed Location - The Carter Oil Company  
 Bluff Bench Unit #5

IF USED FOR PIPE LINE DIAGRAM — PLEASE SUPPLY THE FOLLOWING INFORMATION

Total Length and Size of Pipe Laid \_\_\_\_\_ Pipe Transferred From \_\_\_\_\_  
 Total Length and Size of Pipe Taken Up \_\_\_\_\_ Pipe Transferred to \_\_\_\_\_  
 Depth Buried \_\_\_\_\_ Painted \_\_\_\_\_ Screw, Welded or Coupled \_\_\_\_\_ List Fittings (on back of this sheet if necessary)  
 Date \_\_\_\_\_ District \_\_\_\_\_ Farm or Plant \_\_\_\_\_  
 Signed \_\_\_\_\_  
 (Mail to Engineering Department - Tulsa)



When used as 1/4" Section Scale, 1" = 400'

When used as Section Scale, 1" = 800'

When used as 4 Sections Scale, 1" = 1600'

Place check mark after scale used.

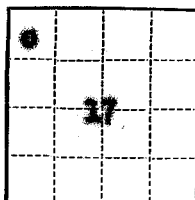
Plat made by \_\_\_\_\_ Date \_\_\_\_\_

1/2" Base Map \_\_\_\_\_ Date \_\_\_\_\_

Plat Book (Pend.) \_\_\_\_\_ Date \_\_\_\_\_ (Comp.) \_\_\_\_\_ Date \_\_\_\_\_

Block Map (Pend.) \_\_\_\_\_ Date \_\_\_\_\_ (Comp.) \_\_\_\_\_ Date \_\_\_\_\_

Block Map Tr. (Pend.) \_\_\_\_\_ Date \_\_\_\_\_ (Comp.) \_\_\_\_\_ Date \_\_\_\_\_



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **SIC**  
Lease No. **04619**  
Unit **Bluff Bench**

71-18  
2-17

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<b>Report of Setting Casing</b>	<b>X</b>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 3, 1958

**Bluff Bench Unit**  
Well No. **5** is located **660** ft. from **N** line and **660** ft. from **W** line of sec. **17**  
**NW NW Section 17** **408** **22E** **S1M**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Bluff Bench** **San Juan** **Utah**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **4697** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 12-26-57 - Set 28' of 1 3/8" OD 35.6# spiral weld conductor pipe at 40', cemented with 35 sacks regular cement plus 2% CaCl.

Ran 408' of 2 1/8" OD 2 1/2" 8rd N-40 gals casing set at 420' and cemented with 200 sacks cement (100 w/2% CaCl), cement circulated OK. Tested blind runs with 900# for 30 minutes OK. Drilled out plug and tested cement with 900# for 15 minutes OK.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **The Carter Oil Company**

Address **Box 3082**

**Durango, Colorado**

COPY (ORIGINAL SIGNED) **B. M. BRADLEY**

By **B. M. Bradley**

Title **District Superintendent**

0							

Section 17

LOCATE WELL CORRECTLY

# STATE OF UTAH OIL & GAS CONSERVATION COMMISSION

State Capitol Building  
Salt Lake City 14, Utah

To be kept Confidential until \_\_\_\_\_  
(Not to exceed 4 months after filing date)

## LOG OF OIL OR GAS WELL

Operating Company The Carter Oil Company Address P.O. Box 3082, Durango, Colorado  
Lease or Tract: Bluff Bench Unit Field W.C. State Utah  
Well No. 5 Sec. 17 T. 40S R. 22E Meridian SIM County San Juan  
Location 660 ft. XXX of N Line and 660 ft. E of W Line of Section 17 Elevation 4697'  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed \_\_\_\_\_

Date May 2, 1958Title Dist. Supt.

The summary on this page is for the condition of the well at above date.

Commenced drilling 12-26-57, 19\_\_\_\_ Finished drilling 2-13-58, 19\_\_\_\_

### OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

### IMPORTANT WATER SANDS

No. 1, from 640 to 780 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

### CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
<u>13-3/8</u>	<u>35.6</u>	<u>Slip Jt.</u>	<u>Armco</u>	<u>28</u>	<u>None</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>Conductor</u>
<u>8-5/8</u>	<u>24</u>	<u>8</u>	<u>J-55</u>	<u>408</u>	<u>Baker</u>	<u>-</u>	<u>-</u>	<u>-</u>	

### MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13-3/8</u>	<u>40</u>	<u>35</u>	<u>Halliburton</u>	<u>-</u>	<u>-</u>
<u>8-5/8</u>	<u>420</u>	<u>200</u>	<u>"</u>	<u>-</u>	<u>-</u>

### PLUGS AND ADAPTERS

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

## TOOLS USED

Rotary tools were used from 0 feet to 5826 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feetCable tools were used from None feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing D & A, 19\_\_\_\_

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller

\_\_\_\_\_, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	642	642	MORRISON: Soft clay and sandstone.
642	1504	862	NAVAJO: Sandstone.
1504	2408	904	CHINLE: Siltstone and shale.
2408	2512	104	MOENKOPI: Shale, green, maroon and red.
2512	2630	118	CUTLER: Shale with traces of limestone.
2630	4525	1895	ORGAN ROCK: Siltstone and shale.
4525	5618	1093	HERMOSA: Limestone and shale.
5618	5826	240	PARADOX: Limestone underlain by black shale and anhydrite.
5826	5830	4	PARADOX SALT

[OVER]

### HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Spudded 12-26-57. Set 28' of 13-3/8" conductor @ 40' with 35 sacks cement. Drilled 12 1/4" hole to 424'. Ran 408' of 8-5/8" casing set @ 420' w/ 200 sx cement. Drilled 6-3/4" hole to 5826'. Schlumberger TD 5830'. Ran Drill Stem Test. Packer set @ 5682'. Tool open 2 hrs., very weak blow, dead in 10 minutes. Bypassed tool no blow, recovered 40' of drilling fluid. ISIP O#, 1 hr, IFP O#, FFP O#, FSIP O# 2 hrs., IHP 3020#, FHP 2980#.

Plugged well as follows: 39 sx cement 5826-5650', 23 sacks cement 4575-4475', 23 sx cement 1554-1454, 36 sx 470-370', 11 sx 30' to Surgace. Erected 4" dry hole marker Well DWA 2-13-58.

NO CORES TAKEN.

DRILL STEM TEST (See Above)

•			
	17		

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office SIC  
Lease No. 04649  
Unit Bluff Bench

71-18  
8-11-58

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	<b>X</b>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

July 24, 1958

Bluff Bench Unit

Well No. 5 is located 660 ft. from {N} line and 660 ft. from {E} line of sec. 17

NWNW Section 17  
(¼ Sec. and Sec. No.)

40S  
(Twp.)

22E  
(Range)

S1M  
(Meridian)

Bluff Bench  
(Field)

San Juan  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the derrick floor above sea level is 4697 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD 5826' - It is intended to plug and abandon well as follows:

Place cement plugs - 39 sacks 5826-5650'; 23 sacks 4575-4475'; 23 sacks 1554-1454'; 36 sacks 470-370'; 11 sacks 30' to surface, to erect a 4" dry hole marker extending 4' above ground level, fill pits and cleanup location. Intervals between above plugs to be filled with drilling mud.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Carter Oil Company  
Production Department  
Address Box 3082  
Durango, Colorado

By **COPY** (ORIGINAL SIGNED) H. L. FARRIS  
H L Farris  
Title District Foreman



0			
	17		

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office SIC  
Lease No. 04649  
Unit Bluff Bench

71-H  
8-11-58

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	X
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

July 24, 1958, 19

Bluff Bench Unit  
Well No. 5 is located 660 ft. from {N} line and 660 ft. from {E} line of sec. 17  
WNW Section 17 40S 22E SIM  
( $\frac{1}{4}$  Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Bluff Bench San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4697 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD 5826' - Well plugged and abandoned as follows:  
Placed cement plugs - 39 sacks 5826-5650'; 23 sacks 4575-4475'; 23 sacks 1554-1454';  
36 sacks 470-370'; 11 sacks 30' to surface, intervals between plugs filled with  
drilling mud, erected a 4" dry hole marker extending 4' above ground level.  
Filled pits and cleaned location - ready for inspection.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Carter Oil Company  
Production Department  
Address Box 3082  
Durango, Colorado

By COPY (ORIGINAL SIGNED) H. L. FARRIS  
H L Farris  
Title District Foreman